

From qrp-1@lehigh.edu Sun Jun 4 23:59:31 1995
Message-Id: <9506042358.AA32366@philadelphia.libertynet.org>
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Subject: 30m
Date: Sun, 4 Jun 1995 19:59:31 EDT

What do you guys think of 30 meters for a new General?

--
Adam O'Donnell, N3RCS/AG
Internet: adam@libertynet.org

My parents tell me that I just take up time and space. It's true -
I'm into relativity theory.

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

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=J0fv
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From qrp-1@lehigh.edu Sun Jun 4 05:06:12 1995
Message-Id: <Pine.SUN.3.91.950603230538.16431B@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: 30m propagation
Date: Sun, 4 Jun 1995 01:06:12 EDT

nice chats with w7exr in oregon and km6oh in northern california...solid
copy, break in type QSO's. 9 to 10 local. Had some qrm from w9 so
midwest was also open.....time for filter mod on the hw9 I think.

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Mon Jun 5 02:48:03 1995
Message-Id: <Pine.3.89.9506041947.A7845-0100000@netcom6>
From: patrick cook <kb0oxd@netcom.com>
Subject: <didn't bother with a subject>
Date: Sun, 4 Jun 1995 22:48:03 EDT

suspend qrp-1 kb0oxd@netcom.com

From qrp-1@lehigh.edu Sun Jun 4 22:50:48 1995
Message-Id: <950604184932_86288420@aol.com>
From: N4JEO@aol.com
Subject: Re: Antenna Help request from...
Date: Sun, 4 Jun 1995 18:50:48 EDT

I concur with the recommendation of a center fed dipole for multiband use.
Use balanced feeders and make it as long as possible so you can tune the maximum number of bands. If you feed a monopole (or ground plane) antenna with open transmission line, it will definitely not be balanced and should be considered as part of your radiating system. You could experience RFI problems, especially if you don't always work qrp. Treat the feed like you would a random length wire antenna. If you use 100W or more sometimes, coax might be a better option for feeding the verticals.

Rob
N4JEO

From qrp-1@lehigh.edu Sun Jun 4 16:36:56 1995
Message-Id: <Pine.SUN.3.91.950604103415.17666A-1000000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: hw9 experience needed
Date: Sun, 4 Jun 1995 12:36:56 EDT

I should have mentioned that the power thing is only an issue on 30 meters. ie, mid settings work as per manual on 80, 40, 15 etc. S meter works, just really "cheap". Even strong local signalss less than s9. Worked a qrp californian for half an hour last pm on 30 so it is doing ok in practical terms. Have you installed a filter mod? I may have to hook up my dsp audio magic machine to the output.....is this cheating? ;-)
ie. in a "contest" that requires homebrew rigs, is using an commercially built accessory ok?

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
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On Sun, 4 Jun 1995, Bob Cutter wrote:

> I am not smart enough to give you the fix but my HW-9 S-meter seems as
> sensitive as other rigs and I get a power peak at mid drive positions,
> except on 10M.

>

>

>

> 72, Bob KI0G>

> >

> >

> >

> >

> Bob Cutter,Glenwood Springs, CO

>

> KI0G

>

> bcutter@teal.csn.net

>

>

From qrp-1@lehigh.edu Sun Jun 4 18:00:51 1995
Message-Id: <199506041758.KAA11090@mail.netcom.com>
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Subject: Re: hw9 experience needed
Date: Sun, 4 Jun 1995 14:00:51 EDT

Hi Dr Rick, I haven't played with my 9 too much yet , but here is
my thought on the matter of filtering.

It seems to me that the front end has none ! And in any situation
where there are adjacent signals, serious distortion occurs to the
point of not being able to copy at all.

Because the audio already has a narrow filter and doesn't help at
all in those situations, I conclude that any additional audio filter-
ing will not help. (If you achieve any degree of success with audio
filtering, please let me know .)

I have been looking for ways to improve the IF filter and come up with
the following alternatives

1 KB1MJ, Paul , Paul put together a filter kit some years ago which consisted of matched crystal filters and either a change or an additional IF amp to compensate for insertion loss and impedance matching.

This kit , at \$ 28, was in my opinion "The way to go".

(Was it you who told me you had one of these kits but didnt want sell it ?)

2 The IF frequency is 8.807 Mhz, the same as some Kenwood rigs.

There are several mods out to use a Kenwood filter with an additional (or 2) stage of IF amplification , to make up for the insertion loss.

The problem with this is the cost of the Kenwood filters. A bit over \$ 100. I haven't found a used one for a fair price yet.

International Filters, make a direct substitute (I think they claim steeper skirts). I haven't checked their prices yet, but expect them to close to Kenwood.

If any one has a kb1mj filter kit they are not going to use, please let me buy it from you.

Stan

--

72.25 (I still use high power when I need it)

Stan Goldstein , N6ULU

From qrp-1@lehigh.edu Mon Jun 5 01:01:15 1995

Message-Id: <950604205639_23338410@aol.com>

From: PDouglas12@aol.com

Subject: LC meter

Date: Sun, 4 Jun 1995 21:01:15 EDT

Those who are wont to re-read back issues of mags may come across an old 73 article (July '90) which describes how to build a device to measure inductors (coils) and capacitors using a simple circuit and a trusty Commodore 64.

This device is so accurate, you will find it beats or equals most portable digital meters. One flaw in the article was that the programming as written would read out very small caps in natural logs instead of decimals, making it unusable for those who don't know how to convert--inconvenient for those who do. (I haven't tried since college--so I can't actually claim to know how myself.) Anyway, I have rewritten the necessary portion of the short program

from the article to convert the small value caps into pf readouts for my own use, and anybody who wants the rewrite can email me. This gives the device quite a wide range of very accurate readout. Since it is on the C64, I will have to print and photocopy it, so to save me unnecessary postage, let's say I'll send it free to those who have the device already working. If you plan to build one, save this message and drop me an email when you have the sucker working. (The original program in the article works fine for caps .001 and larger.) Parts are waiting at your local Radio Shack, and the schematic is fine in the mag.

This may not be exactly QRP, but it is very useful for the homebrewers here. I note that the L meter was used in my shack to find a wrong coil form (no, I have no idea how I made that mistake! That was a new way to foul up, for me.) in my new (finally working) SW80--well reviewed already in QRPP--so I will only add some comparative impressions after I have it on the air a few days. 72, all. Preston WJ2V

From qrp-1@lehigh.edu Mon Jun 5 02:42:53 1995
Message-Id: <Pine.SUN.3.91.950604204049.19417B-1000000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: LC meter
Date: Sun, 4 Jun 1995 22:42:53 EDT

Kangas kits (available from N8ET on list and WWW) sells a kit for around 35 bucks.....same principle as 73 mag article.....works just as well as my Beckman. (I bought the beckman as I needed a pf type capacitor checker, like right away....the very smart ham/electronic supply dealer "loaned" one for a weekend.....never took it back!)

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From qrp-1@lehigh.edu Sun Jun 4 14:30:43 1995
Message-Id: <Pine.SUN.3.91.950604082843.17374A@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Message for AB50U
Date: Sun, 4 Jun 1995 10:30:43 EDT

Sorry to take up space on list but lost the address.

Your request for log info on hoot owl sprint:
5/29/95 20 cw 0245 utc rst 559 AB nr 7650

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
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From qrp-1@lehigh.edu Sun Jun 4 18:25:24 1995
Message-Id: <9506041824.AA16635@rgfn.epcc.Edu>
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: qrp plus
Date: Sun, 4 Jun 1995 14:25:24 EDT

After playing with the new rig for a couple of hours, I suggest that those just receiving theirs, compare the serial number on the display (when first turned on) with the number on the invoice/serial number sticker on the bottom of the rig. There may be a disparity. Mine shows a difference of 10, 0621 (display) vs 0631 (sticker/invoice). Suggest a note be made on the warranty card. Also, review the reviews done on the list in recent weeks concerning operation of the rig, some of the procedures of changing bands, modes, cw speed etc are not too clear in the book or are not listed. Otherwise, a nice working rig. Works great with the Whiterook mini key and mini paddle. Full portable station, with power supply and tuner about 10 pounds (in a camera bag). Enjoy! 72/73, Ray, W5XE/V31XE

From qrp-1@lehigh.edu Sun Jun 4 21:03:19 1995
Message-Id: <950604170224_86246348@aol.com>
From: DETKE4@aol.com
Subject: SUBSCRIBE
Date: Sun, 4 Jun 1995 17:03:19 EDT

subscribe detke4 ke4cye